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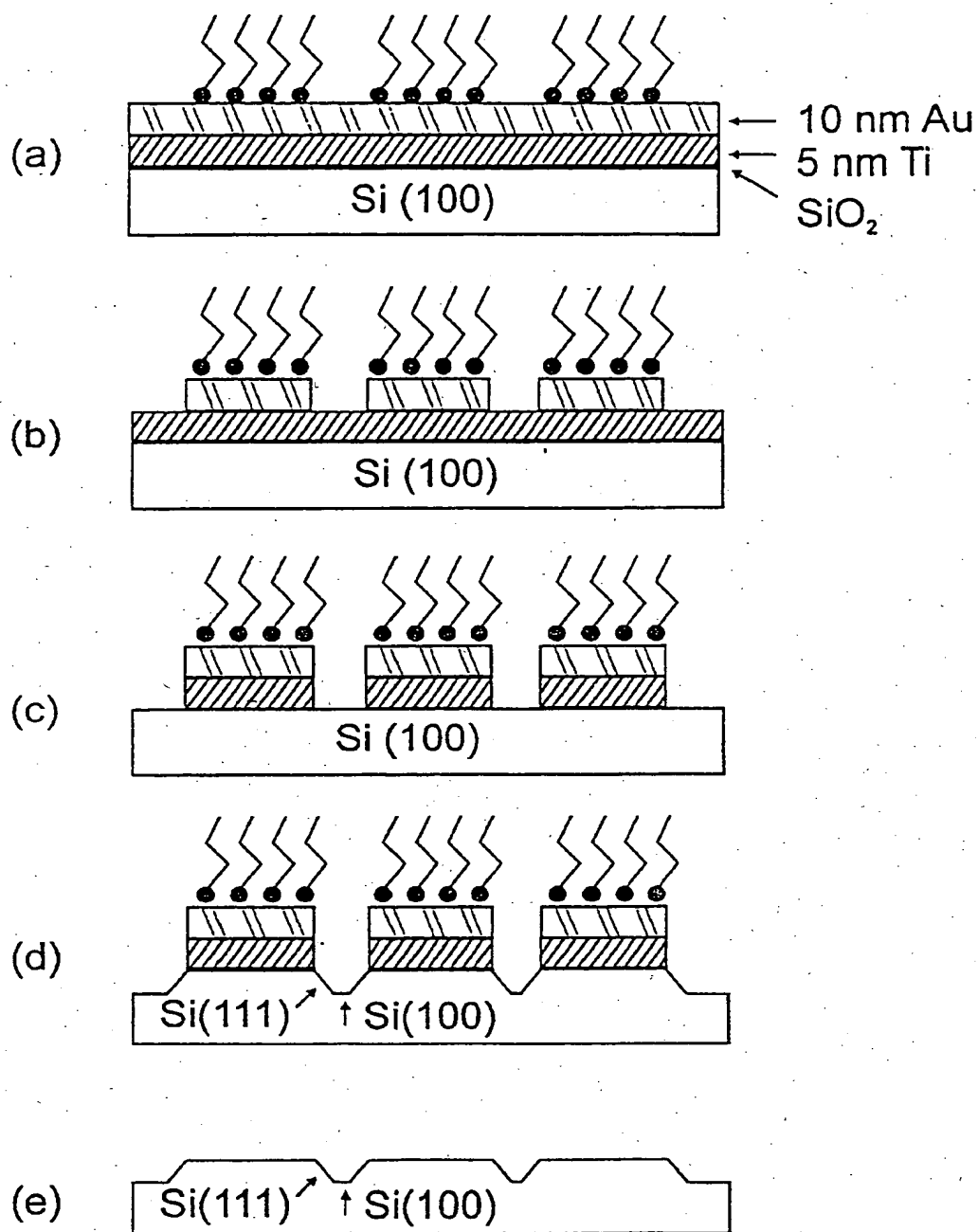


FIG. 1

Title: Fabrication of sub-50 nm Solid-State Nanostructures Based on Nanolithography
 Inventor(s): Hua Zhang et al.
 Appl. No.: Unassigned
 Atty. Dkt. No.: 083847-0231

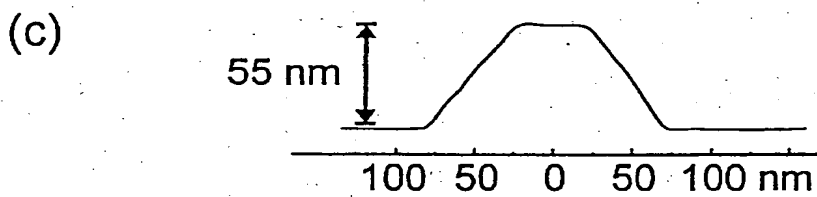
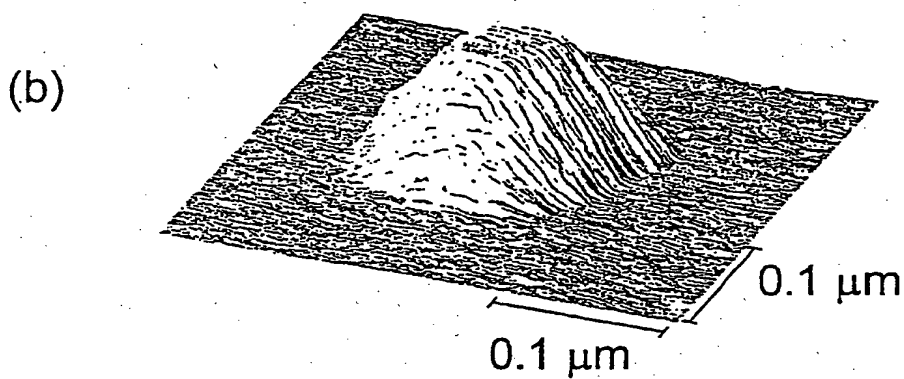
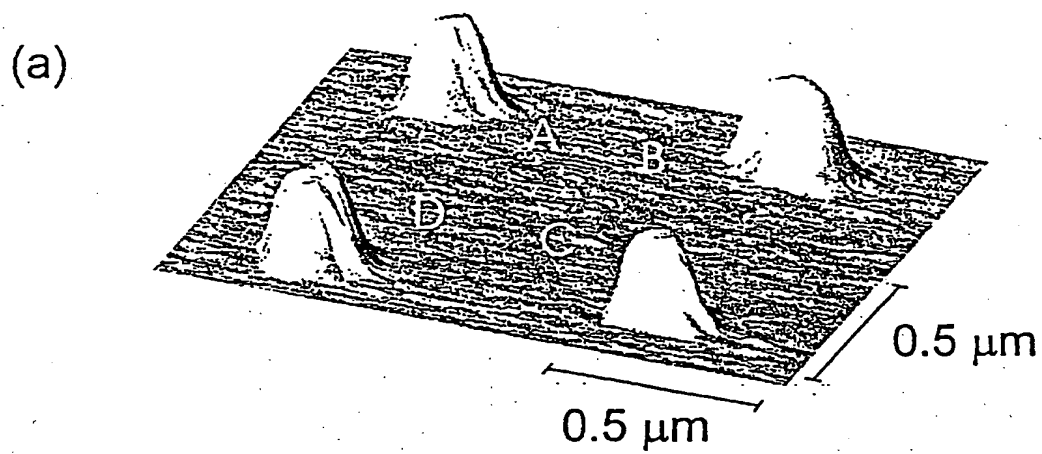


FIG. 2

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Atty. Dkt. No.: 083847-0231

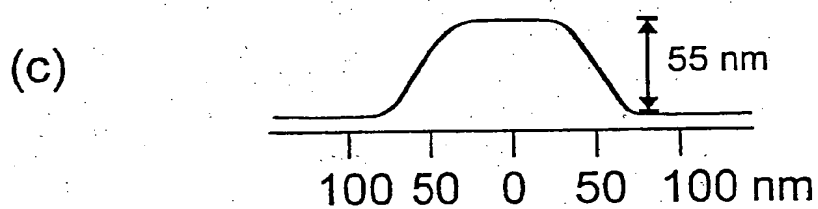
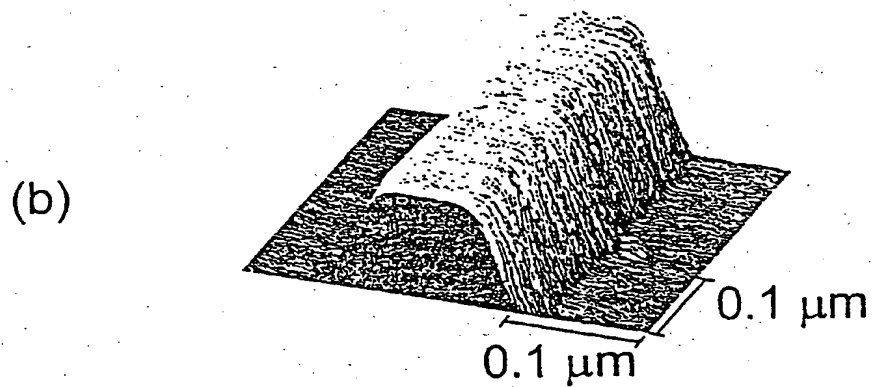
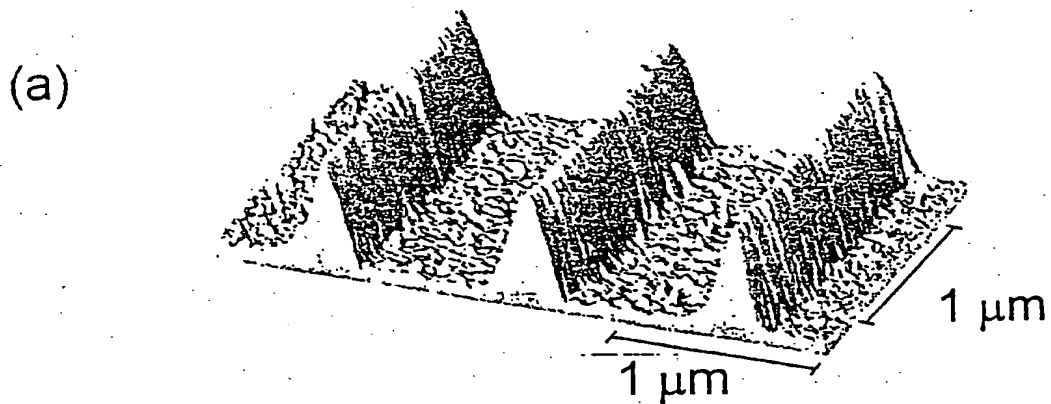
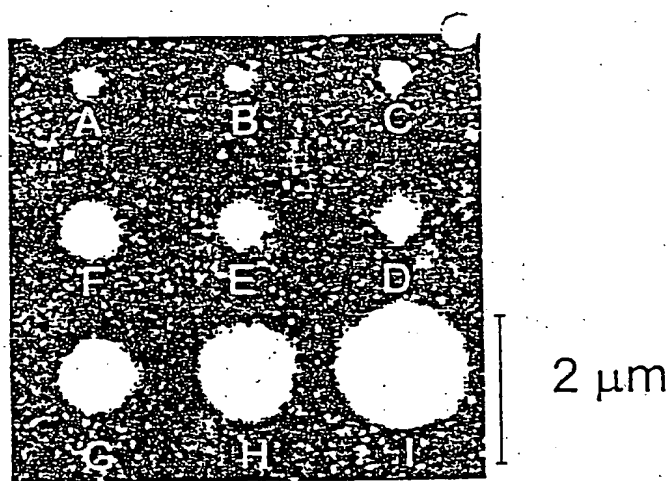


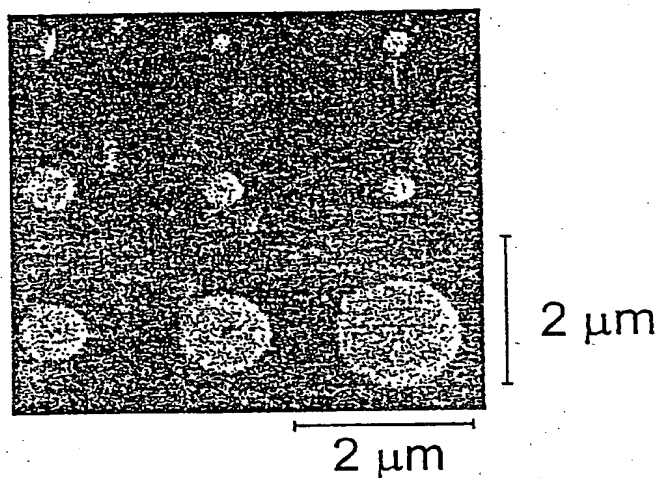
FIG. 3

Title: Fabrication of sub-50 nm Solid-
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Nanolithography
Inventor(s): Hua Zhang et al.
Appl. No.: Unassigned
Atty. Dkt. No.: 083847-0231

(a)



(b)



(c)

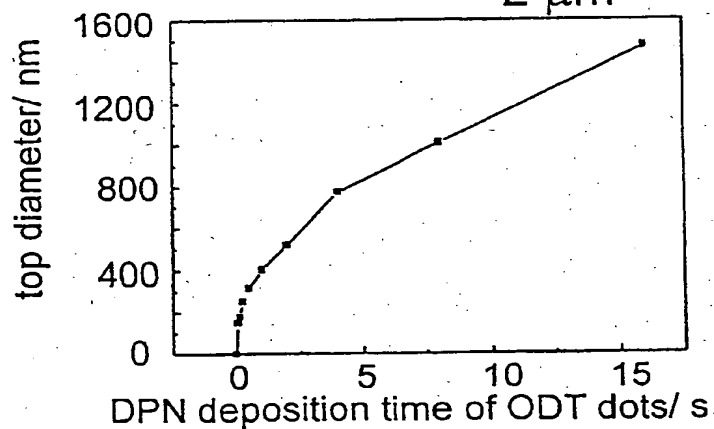


FIG. 4

Title: Fabrication of sub-50 nm Solid-State Nanostructures Based on Nanolithography
Inventor(s): Hua Zhang et al.
Appl. No.: Unassigned
Atty. Dkt. No.: 083847-0231

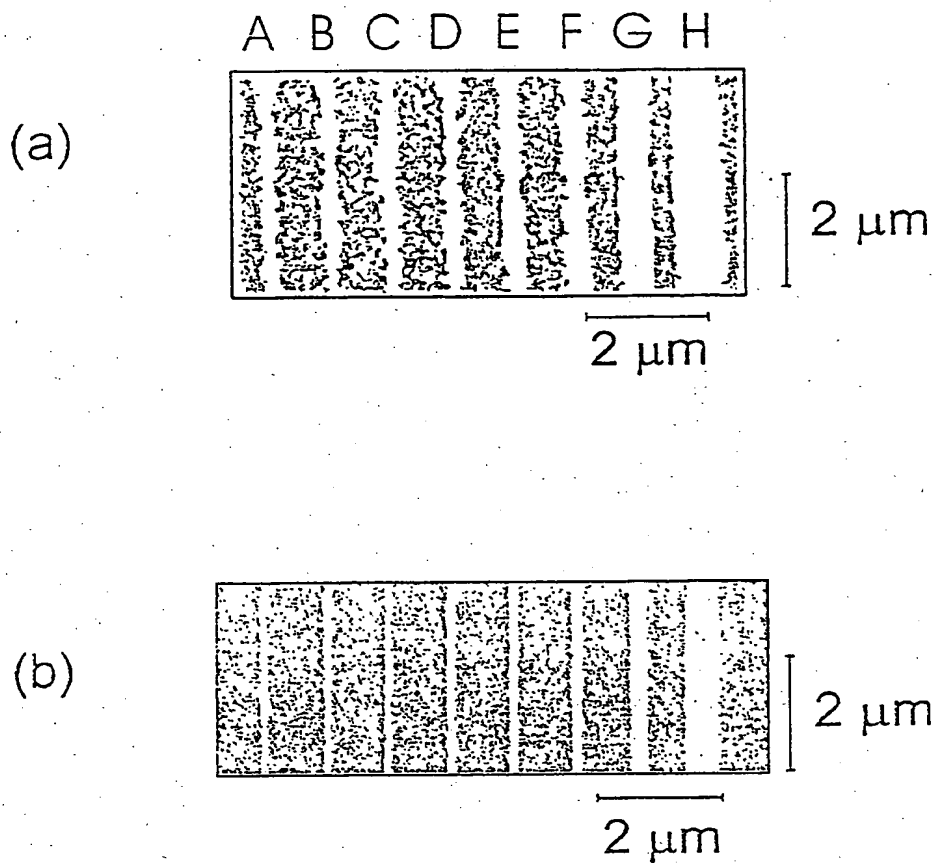


FIG. 5

Title: Fabrication of sub-50 nm Solid-
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Inventor(s): Hua Zhang et al.
Appl. No.: Unassigned
Atty. Dkt. No.: 083847-0231

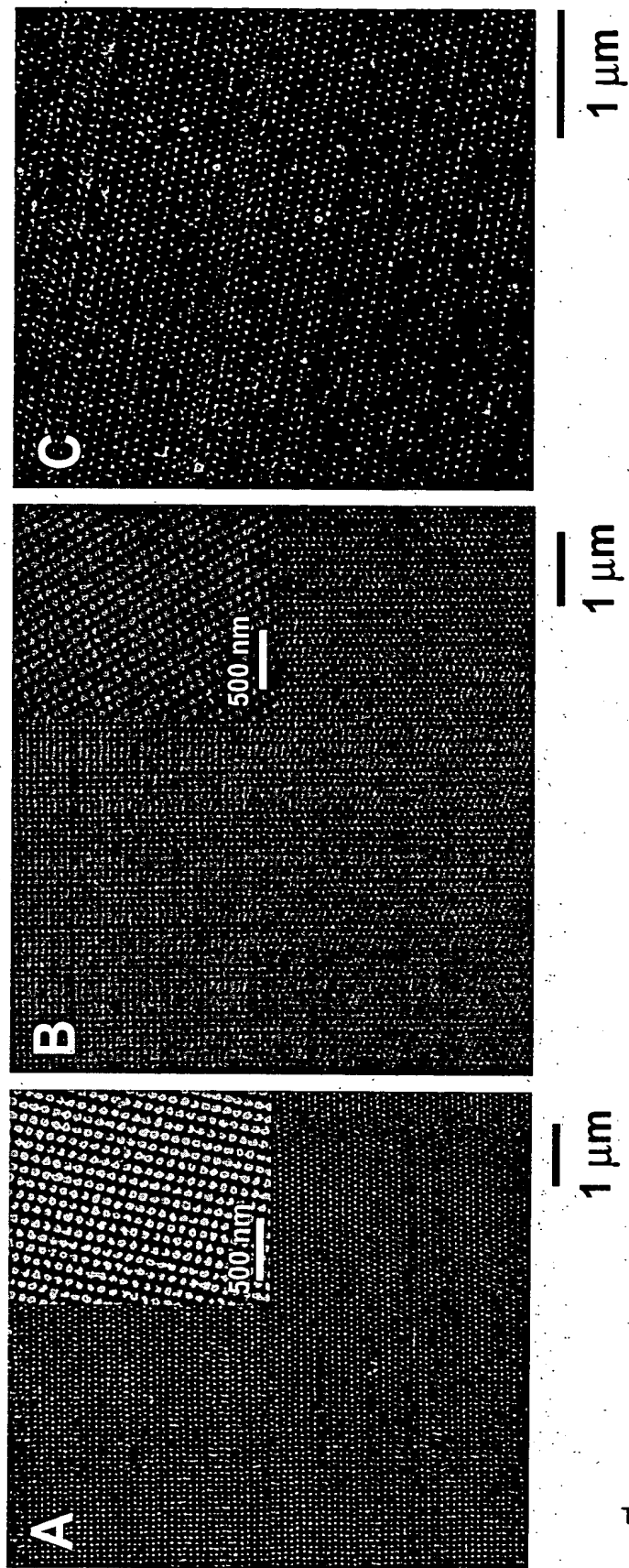


FIG. 6

Title: Fabrication of sub-50 nm Solid-State Nanostructures Based on Nanolithography
 Inventor(s): Hua Zhang et al.
 Appl. No.: Unassigned
 Atty. Dkt. No.: 083847-0231

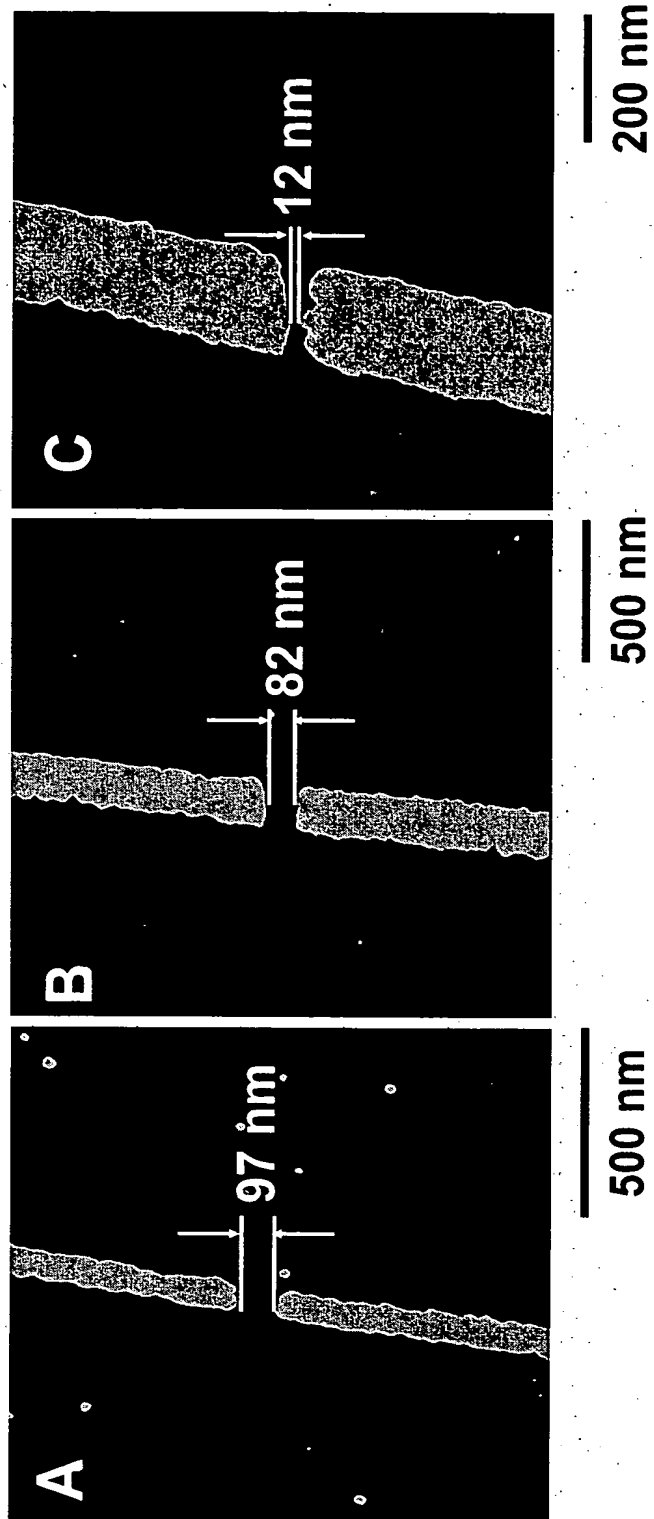


FIG. 7

Title: Fabrication of sub-50 nm Solid-State Nanostructures Based on Nanolithography
 Inventor(s): Hua Zhang et al.
 Appl. No.: Unassigned
 Atty. Dkt. No.: 083847-0231

[Supporting Information]

Fabrication of sub-50 nm Solid-State Nanostructures Based on Dip-Pen Nanolithography

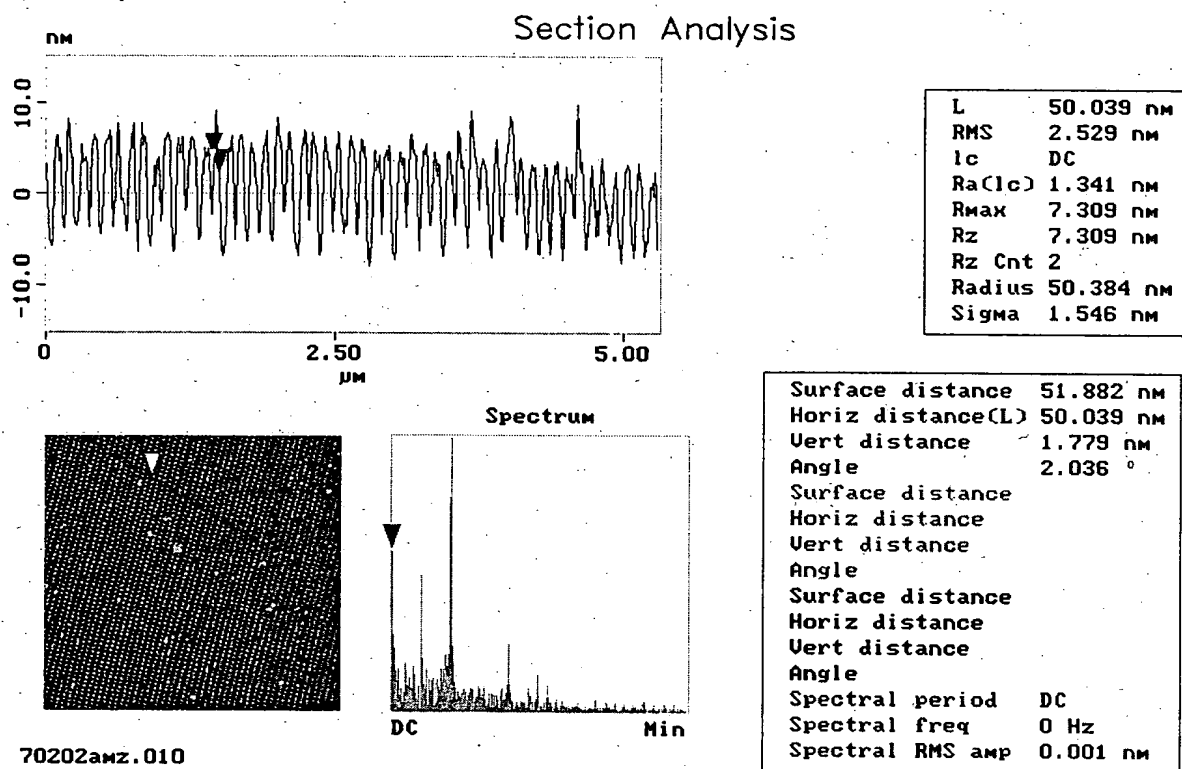


FIG. 8

Title: Fabrication of sub-50 nm Solid-
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Nanolithography
Inventor(s): Hua Zhang et al.
Appl. No.: Unassigned
Atty. Dkt. No.: 083847-0231

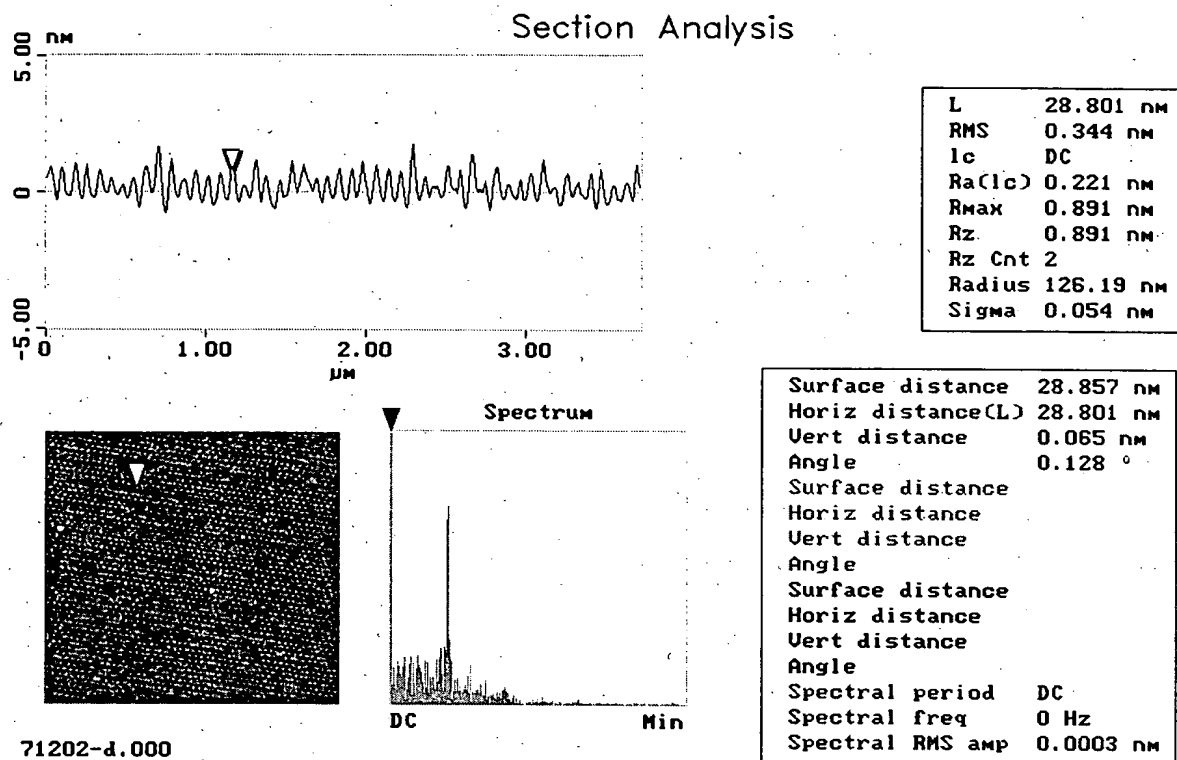


FIG. 9

Title: Fabrication of sub-50 nm Solid-
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Inventor(s): Hua Zhang et al.
Appl. No.: Unassigned
Atty. Dkt. No.: 083847-0231

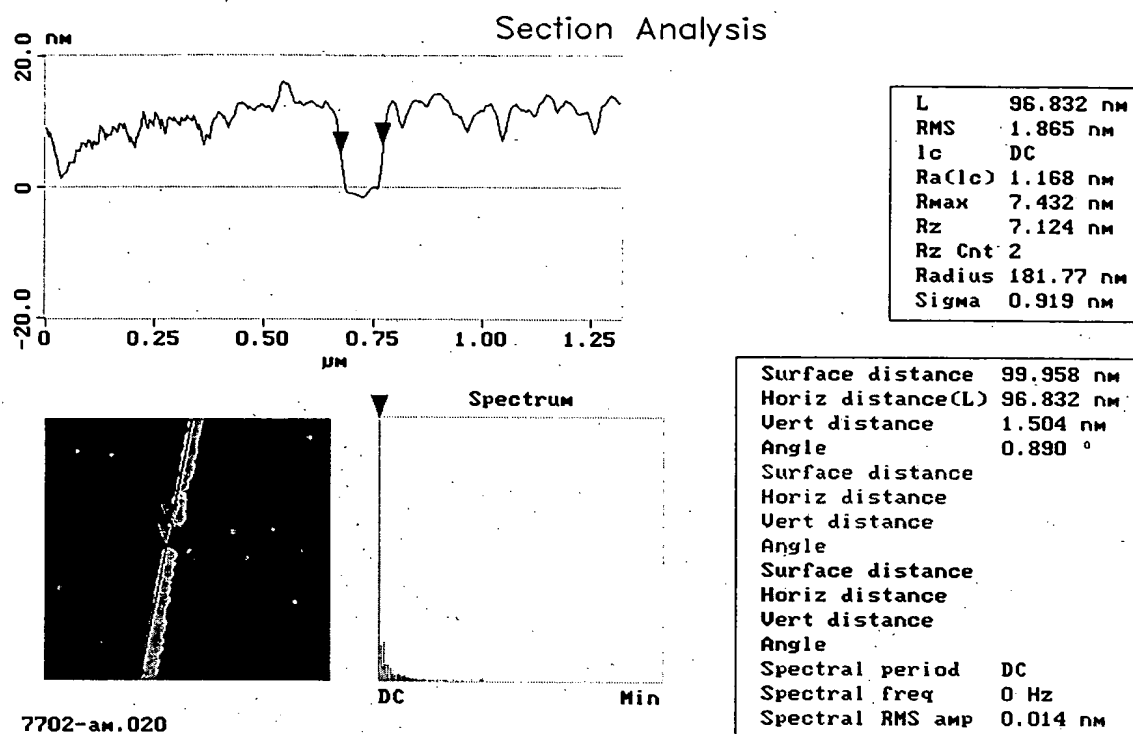


FIG. 10

Title: Fabrication of sub-50 nm Solid-State Nanostructures Based on Nanolithography
 Inventor(s): Hua Zhang et al.
 Appl. No.: Unassigned
 Atty. Dkt. No.: 083847-0231

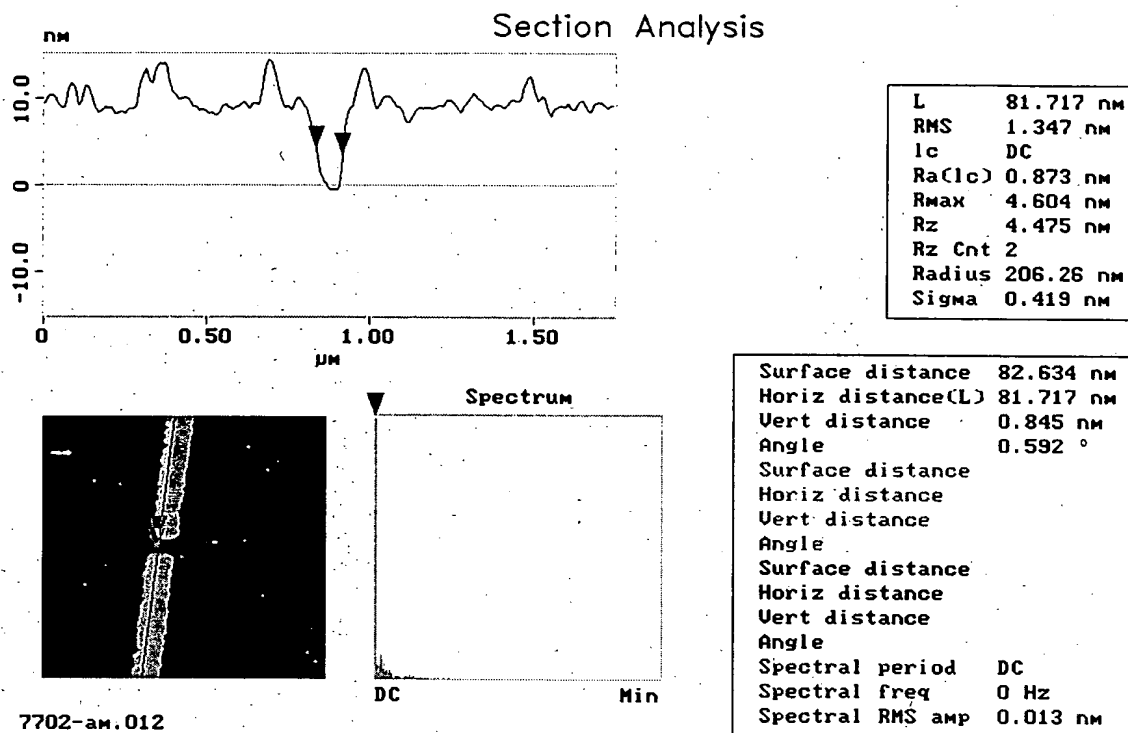


FIG. 11

Title: Fabrication of sub-50 nm Solid-
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 Inventor(s): Hua Zhang et al.
 Appl. No.: Unassigned
 Atty. Dkt. No.: 083847-0231

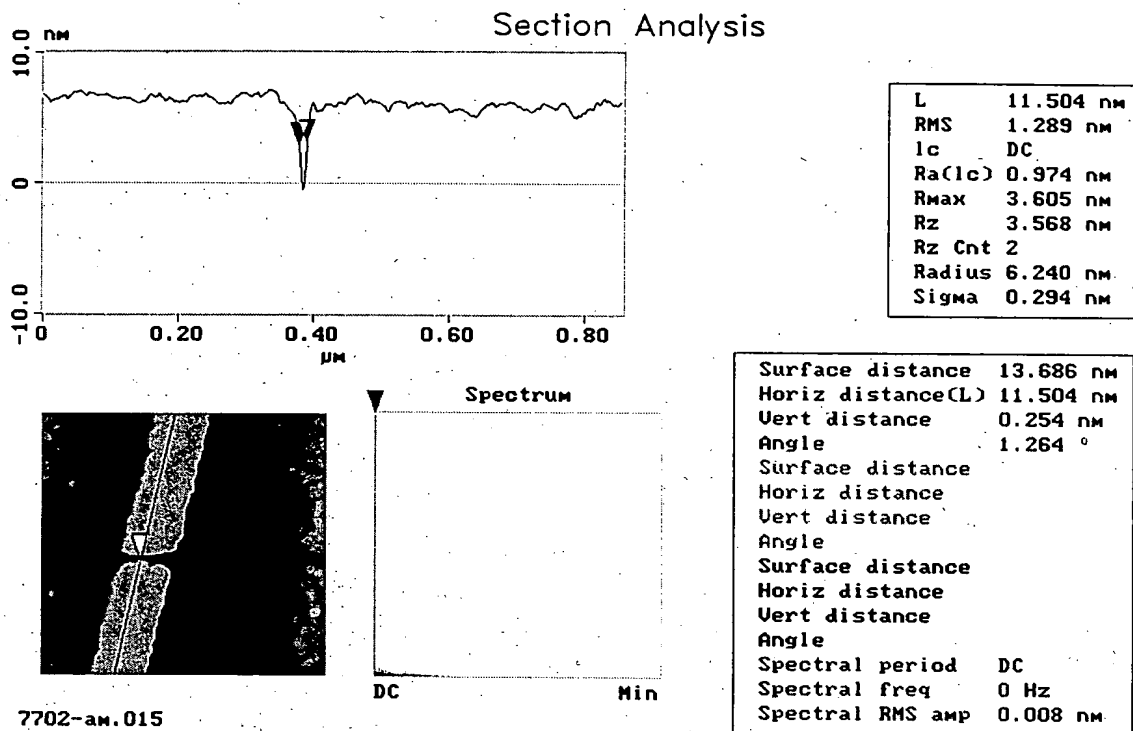


FIG. 12

Title: Fabrication of sub-50 nm Solid-
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 Inventor(s): Hua Zhang et al.
 Appl. No.: Unassigned
 Atty. Dkt. No.: 083847-0231

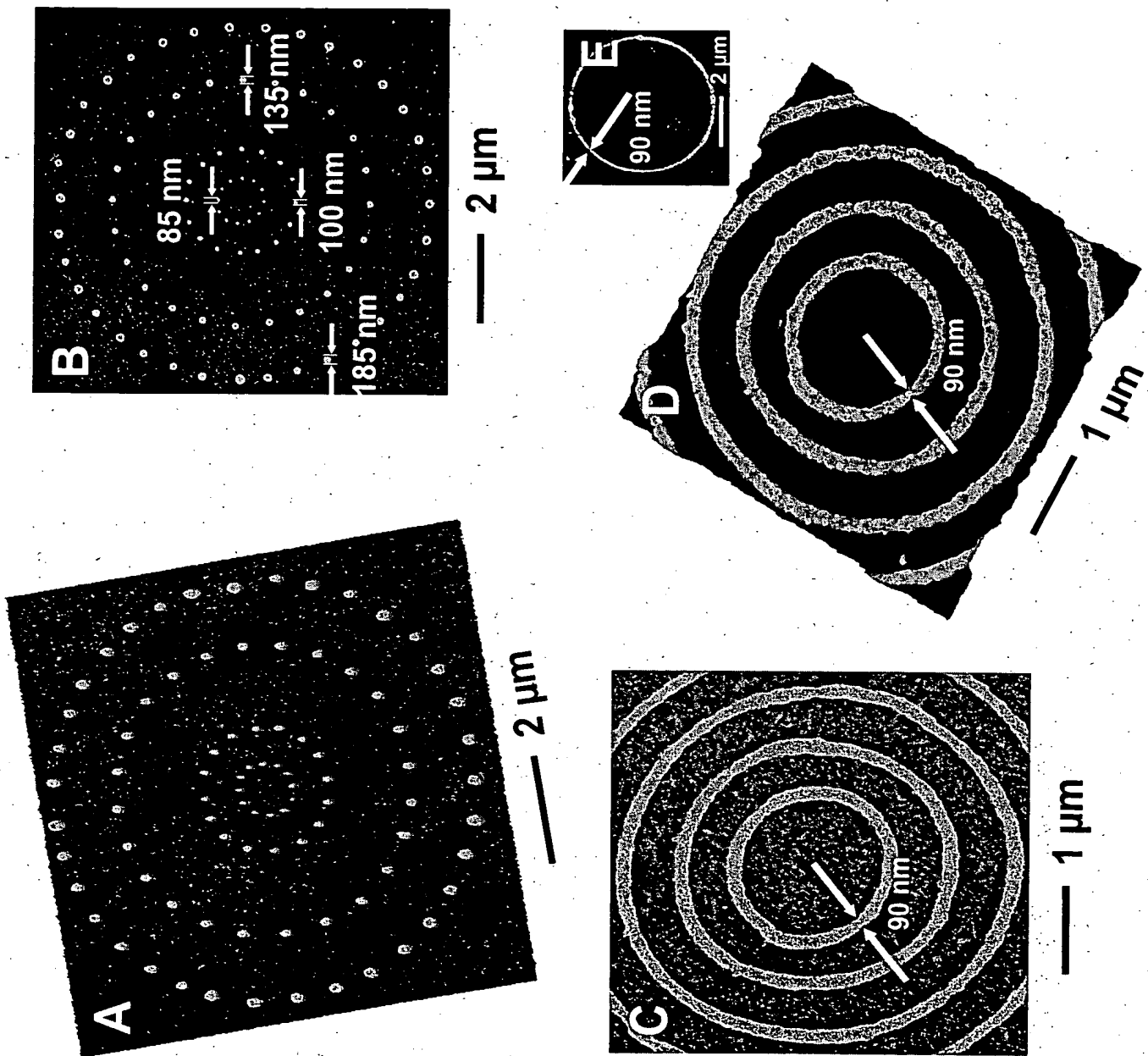


FIG. 13

Title: Fabrication of sub-50 nm Solid-State Nanostructures Based on Nanolithography
 Inventor(s): Hua Zhang et al.
 Appl. No.: Unassigned
 Atty. Dkt. No.: 083847-0231

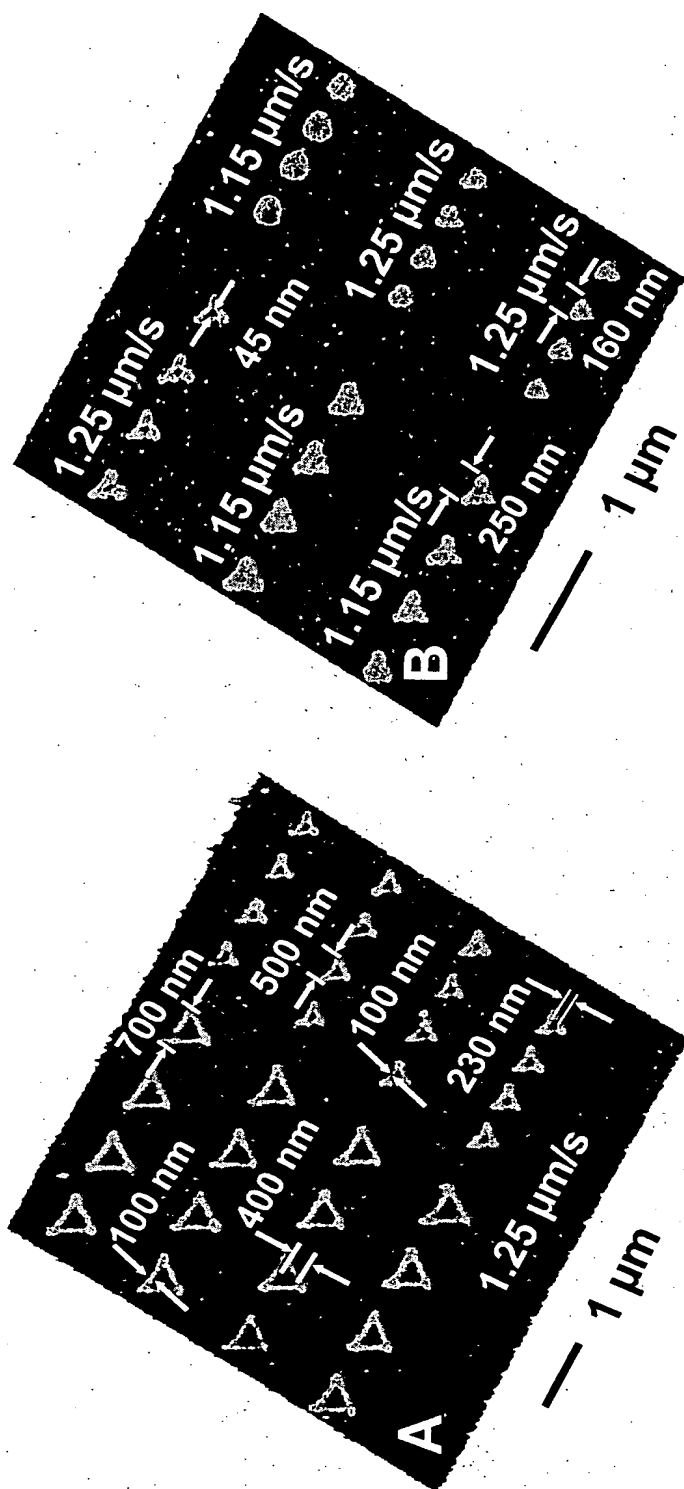


FIG. 14

Title: Fabrication of sub-50 nm Solid-State Nanostructures Based on Nanolithography
 Inventor(s): Hua Zhang et al.
 Appl. No.: Unassigned
 Atty. Dkt. No.: 083847-0231

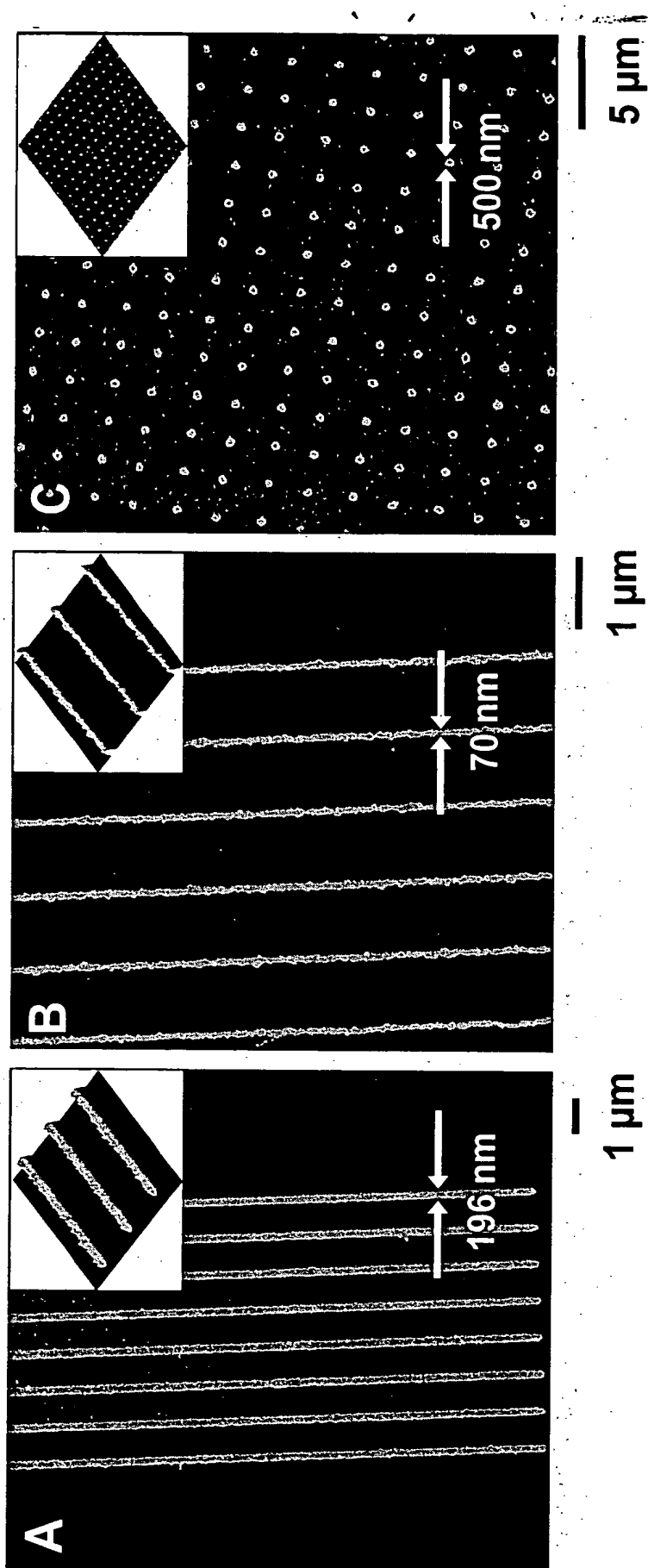


FIG. 15

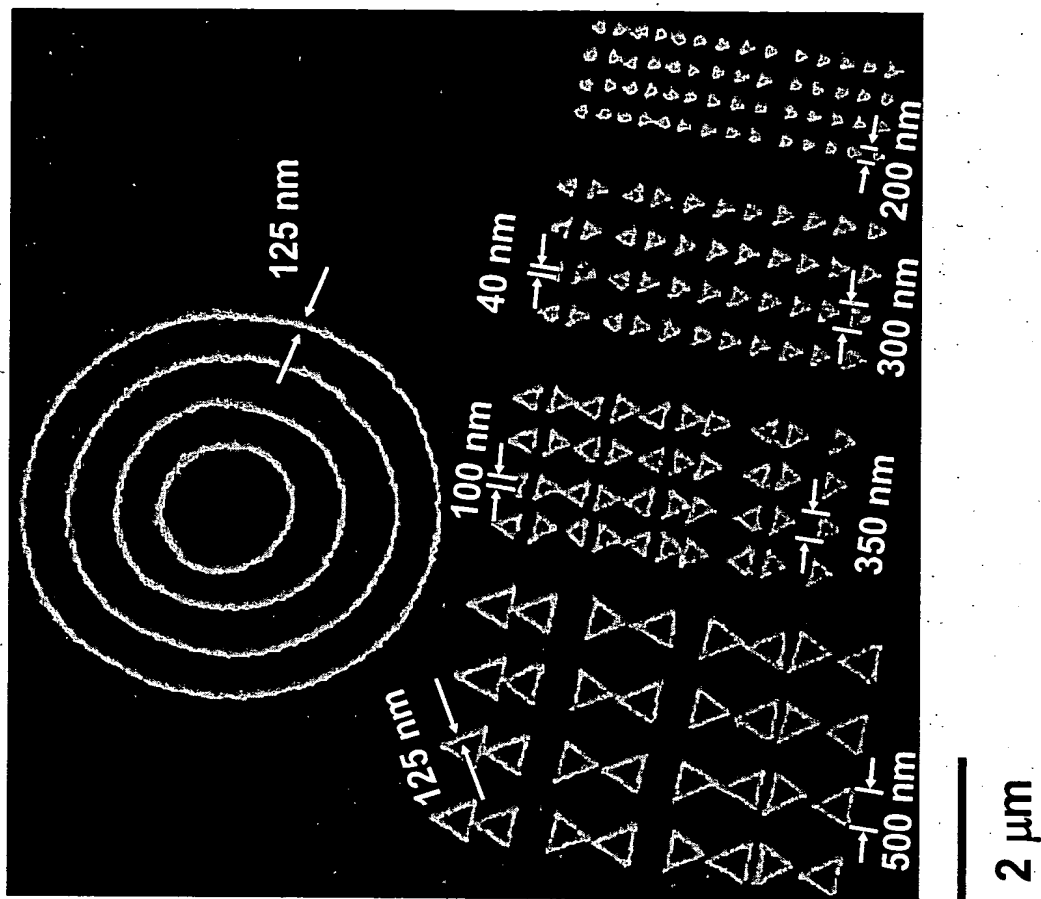


FIG. 16

Title: Fabrication of sub-50 nm Solid-
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Nanolithography
Inventor(s): Hua Zhang et al.
Appl. No.: Unassigned
Atty. Dkt. No.: 083847-0231

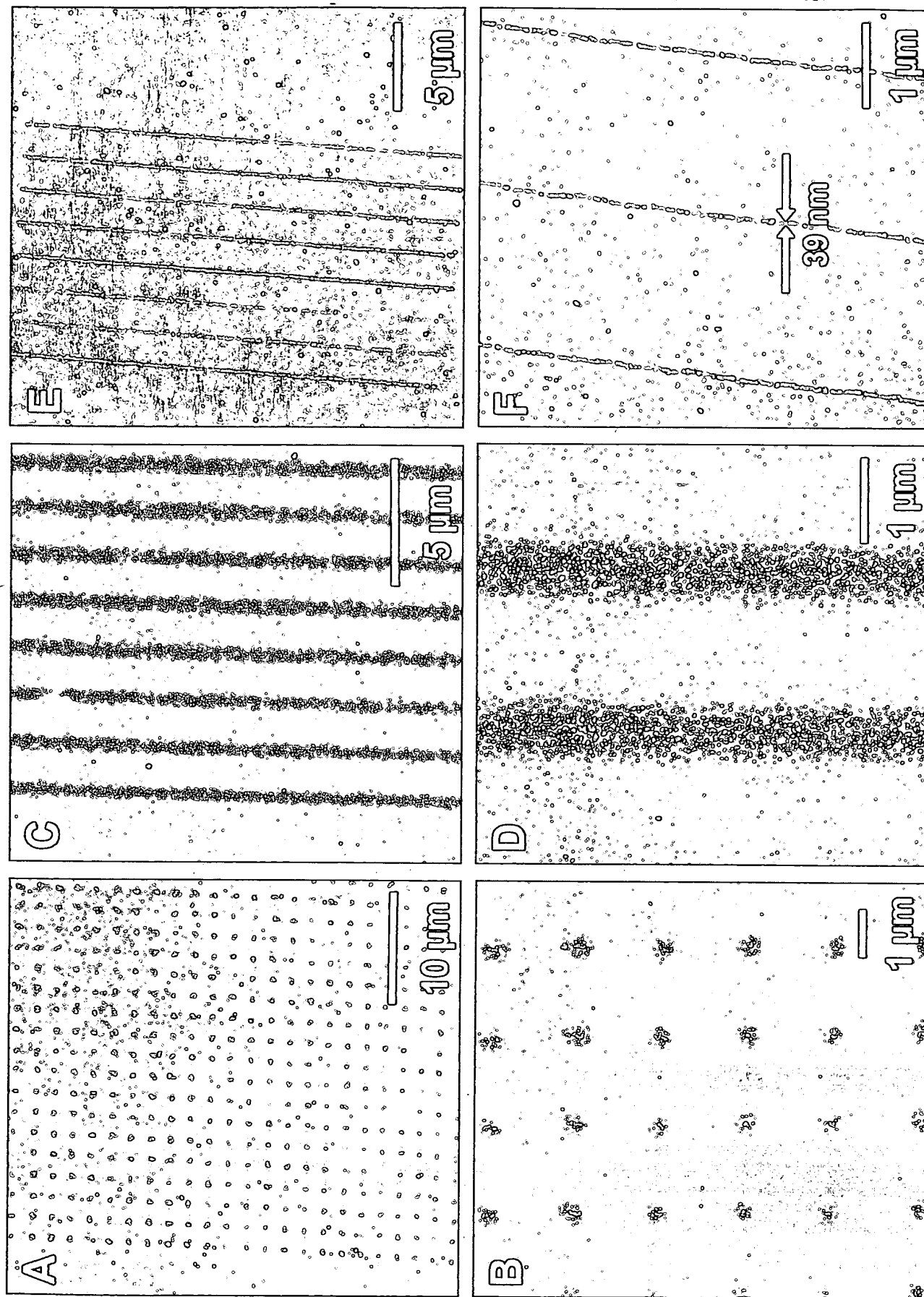


FIG. 17

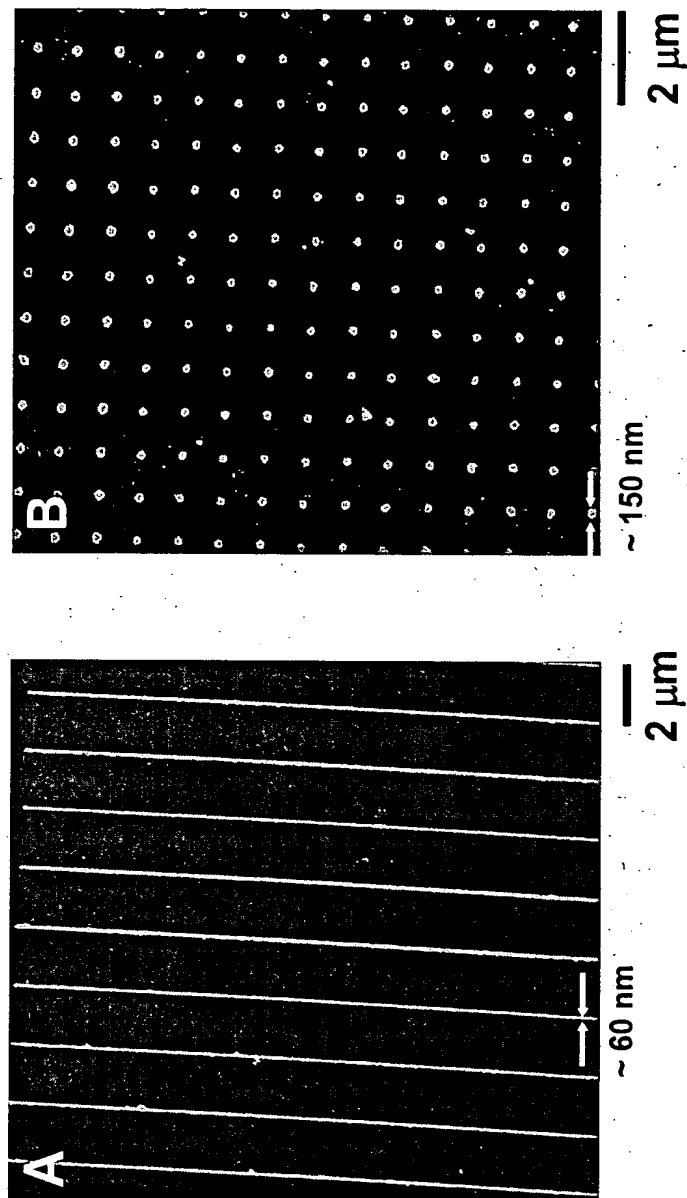


FIG. 18

Title: Fabrication of sub-50 nm Solid-
State Nanostructures Based on
Nanolithography
Inventor(s): Hua Zhang et al.
Appl. No.: Unassigned
Atty. Dkt. No.: 083847-0231

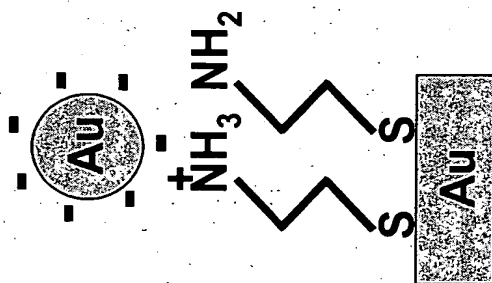
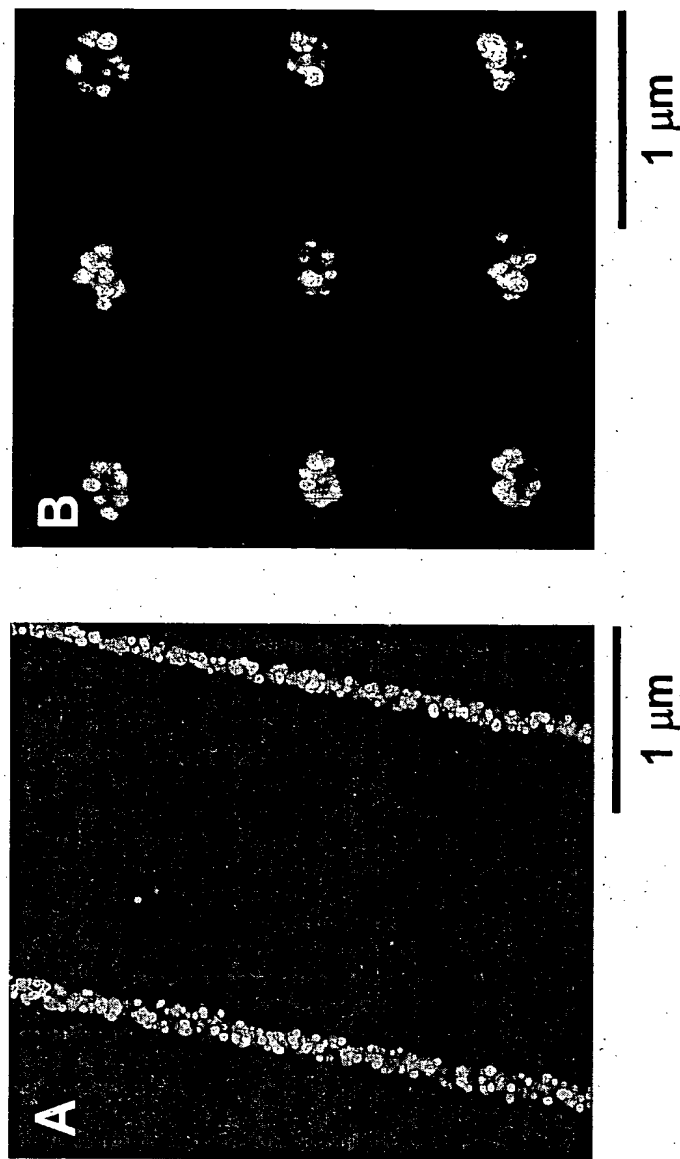


FIG. 19

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 Inventor(s): Hua Zhang et al.
 Appl. No.: Unassigned
 Atty. Dkt. No.: 083847-0231

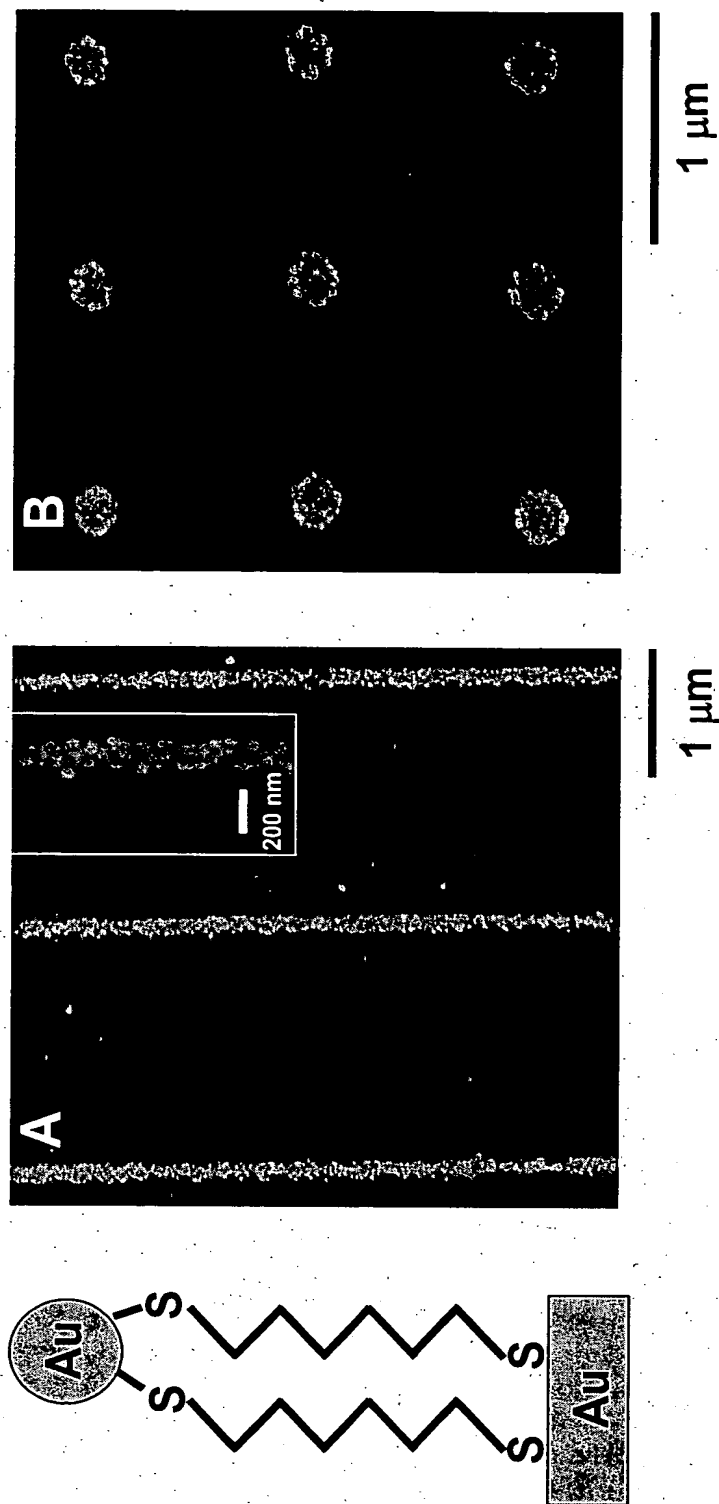


FIG. 20

Title: Fabrication of sub-50 nm Solid-State Nanostructures Based on Nanolithography
 Inventor(s): Hua Zhang et al.
 Appl. No.: Unassigned
 Atty. Dkt. No.: 083847-0231

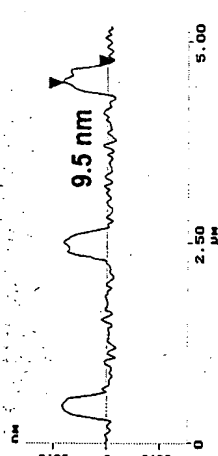
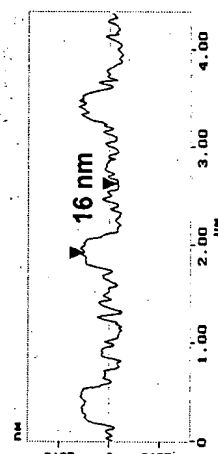
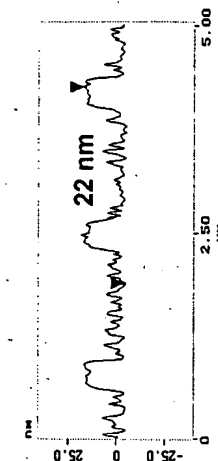
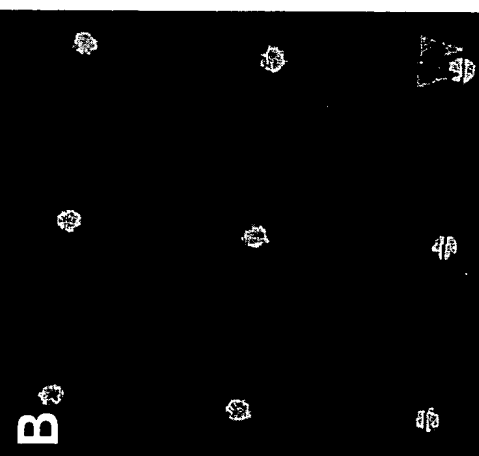
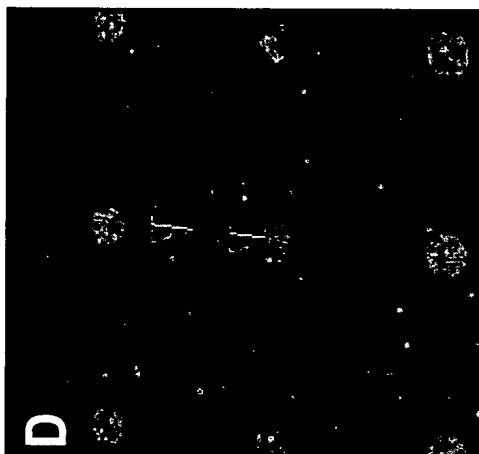
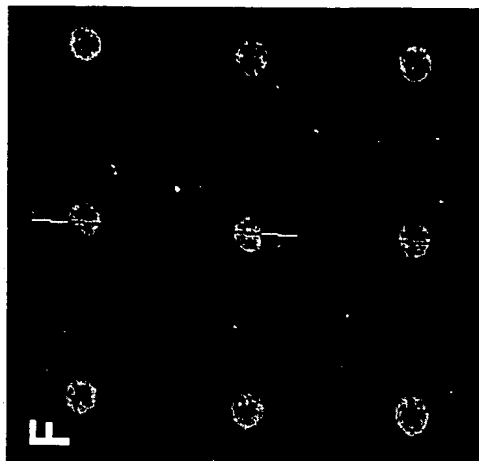
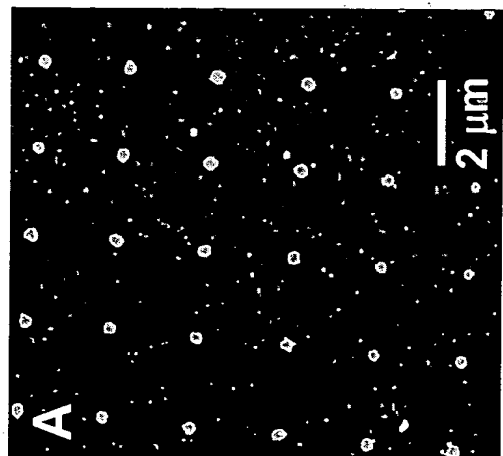
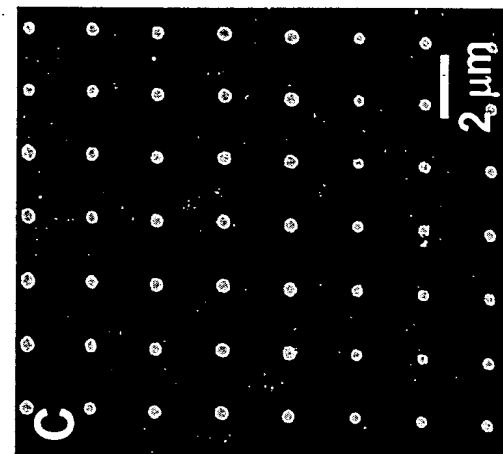
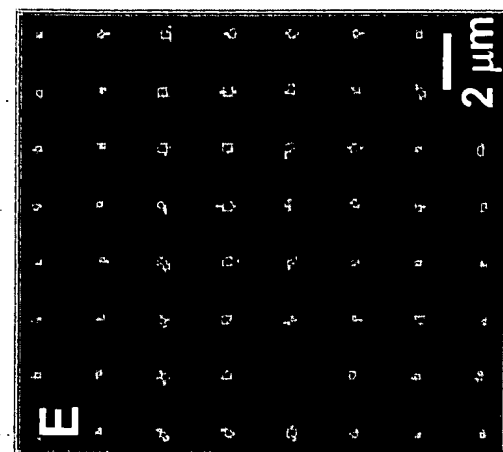


FIG. 21

Title: Fabrication of sub-50 nm Solid-State Nanostructures Based on Nanolithography
 Inventor(s): Hua Zhang et al.
 Appl. No.: Unassigned
 Atty. Dkt. No.: 083847-0231

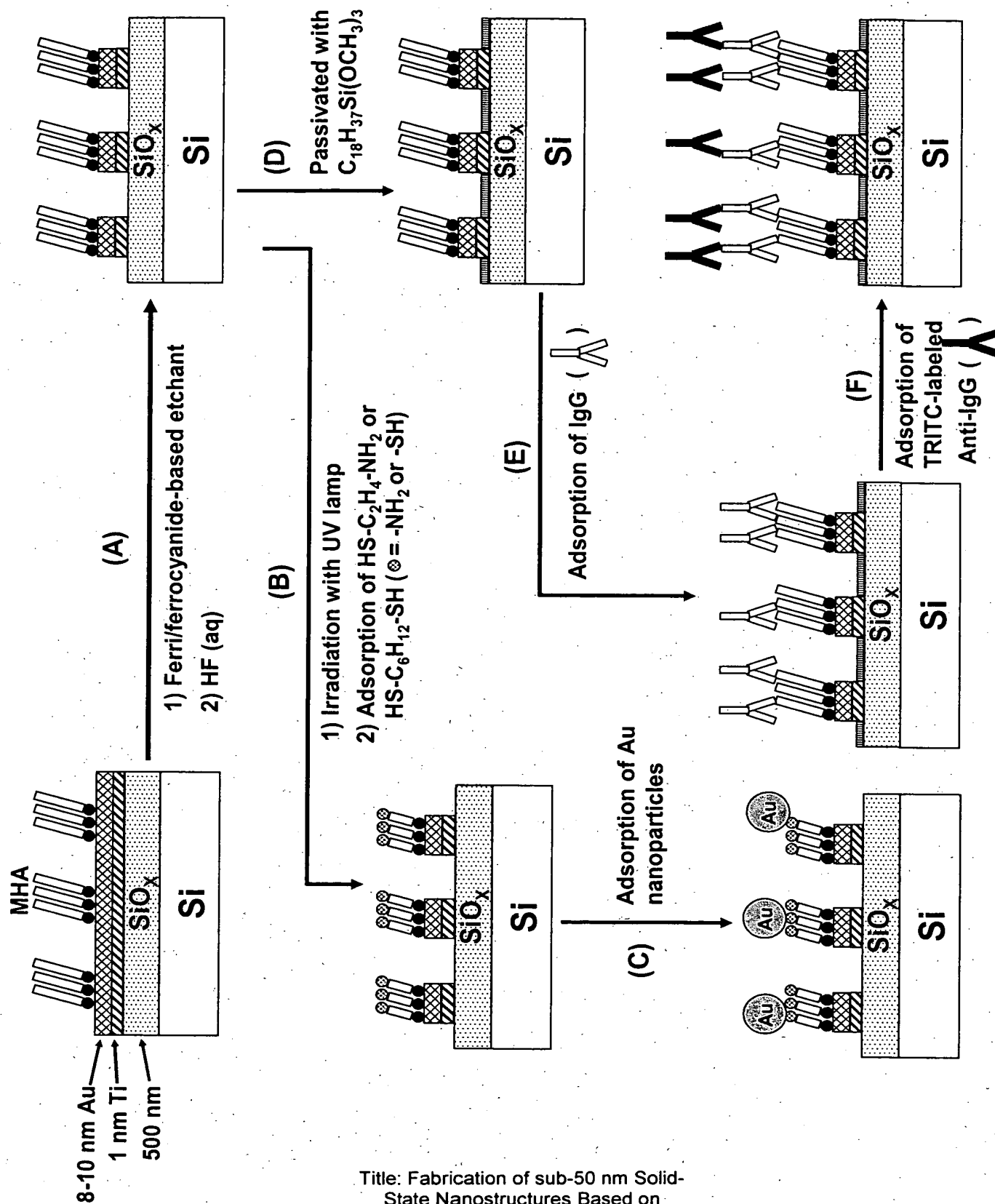


FIG. 22

Title: Fabrication of sub-50 nm Solid-State Nanostructures Based on Nanolithography
 Inventor(s): Hua Zhang et al.
 Appl. No.: Unassigned
 Atty. Dkt. No.: 083847-0231

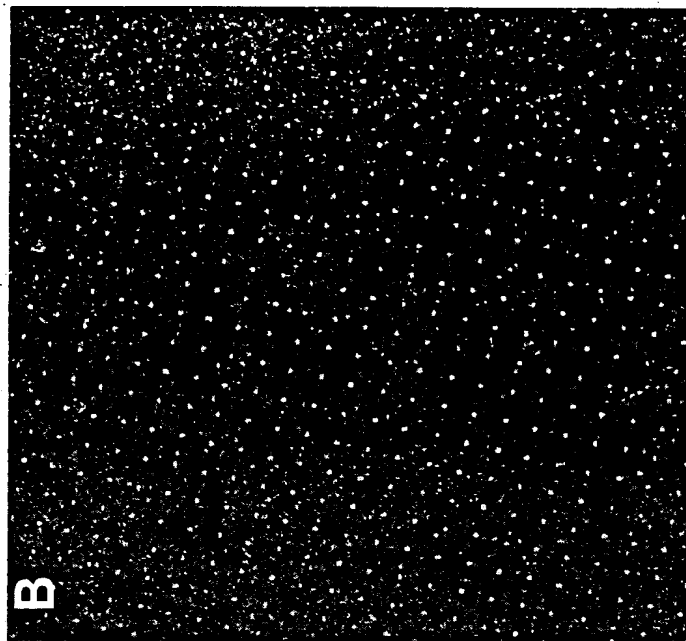
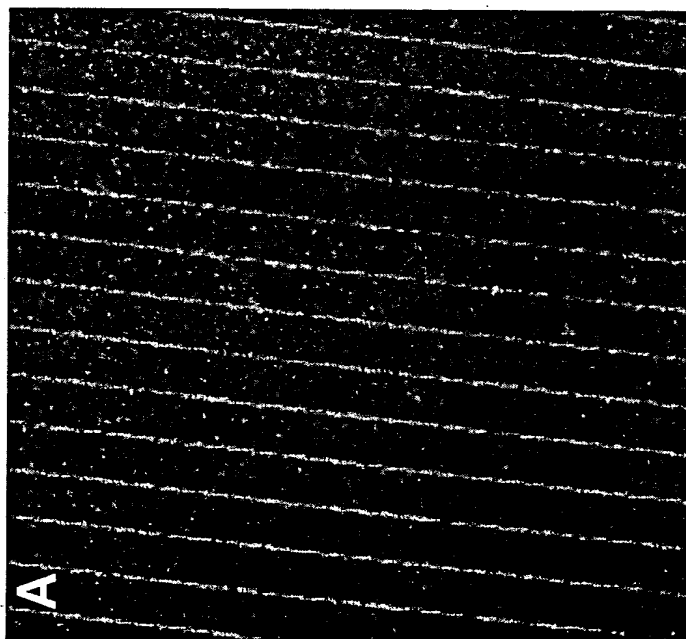
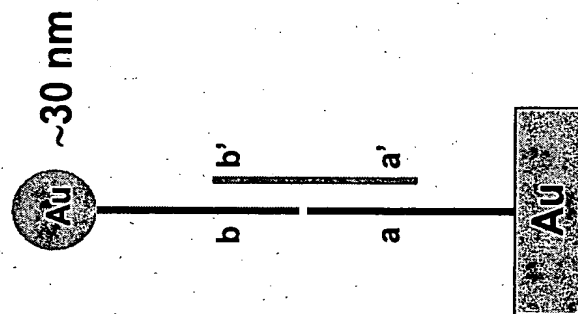


FIG. 23

Title: Fabrication of sub-50 nm Solid-
State Nanostructures Based on
Nanolithography
Inventor(s): Hua Zhang et al.
Appl. No.: Unassigned
Atty. Dkt. No.: 083847-0231

Title: Fabrication of sub-50 nm Solid-
State Nanostructures Based on
Nanolithography
Inventor(s): Hua Zhang et al.
Appl. No.: Unassigned
Atty. Dkt. No.: 083847-0231



$a = 3'\text{-HO-C}_3\text{H}_6\text{-S-S-C}_3\text{H}_6\text{-A}_{20}\text{CTCCCTAATAACAAT-5'}$
 $a'b' = 5'\text{-GAGGGATTATTGTTAAATAATTGATAAGGAT-3'}$
 $b = 3'\text{-TTATAACTATTCCTAA}_{20}\text{-C}_6\text{H}_{12}\text{SH-5'}$

(A)

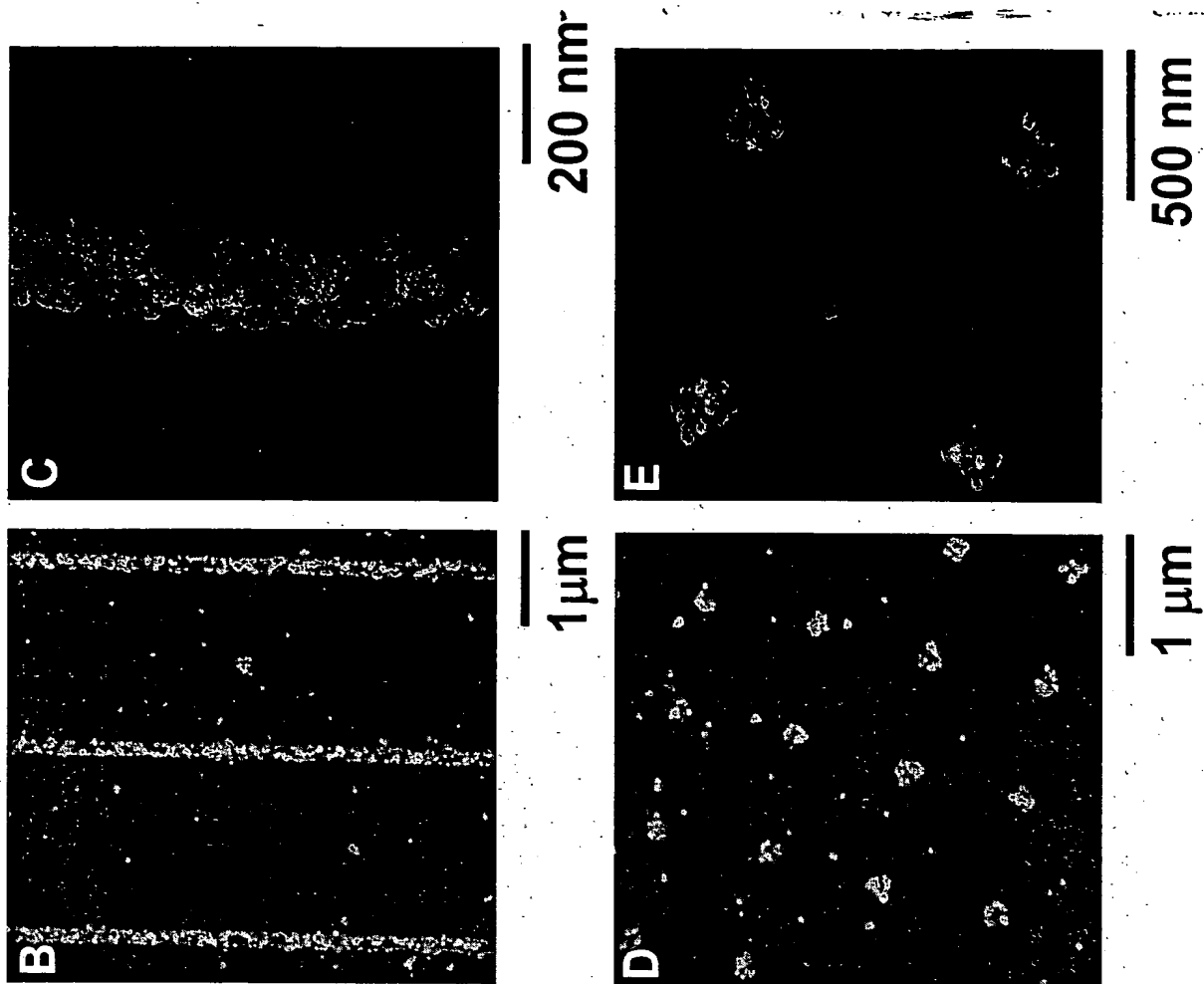


FIG. 24

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 Inventor(s): Hua Zhang et al.
 Appl. No.: Unassigned
 Atty. Dkt. No.: 083847-0231

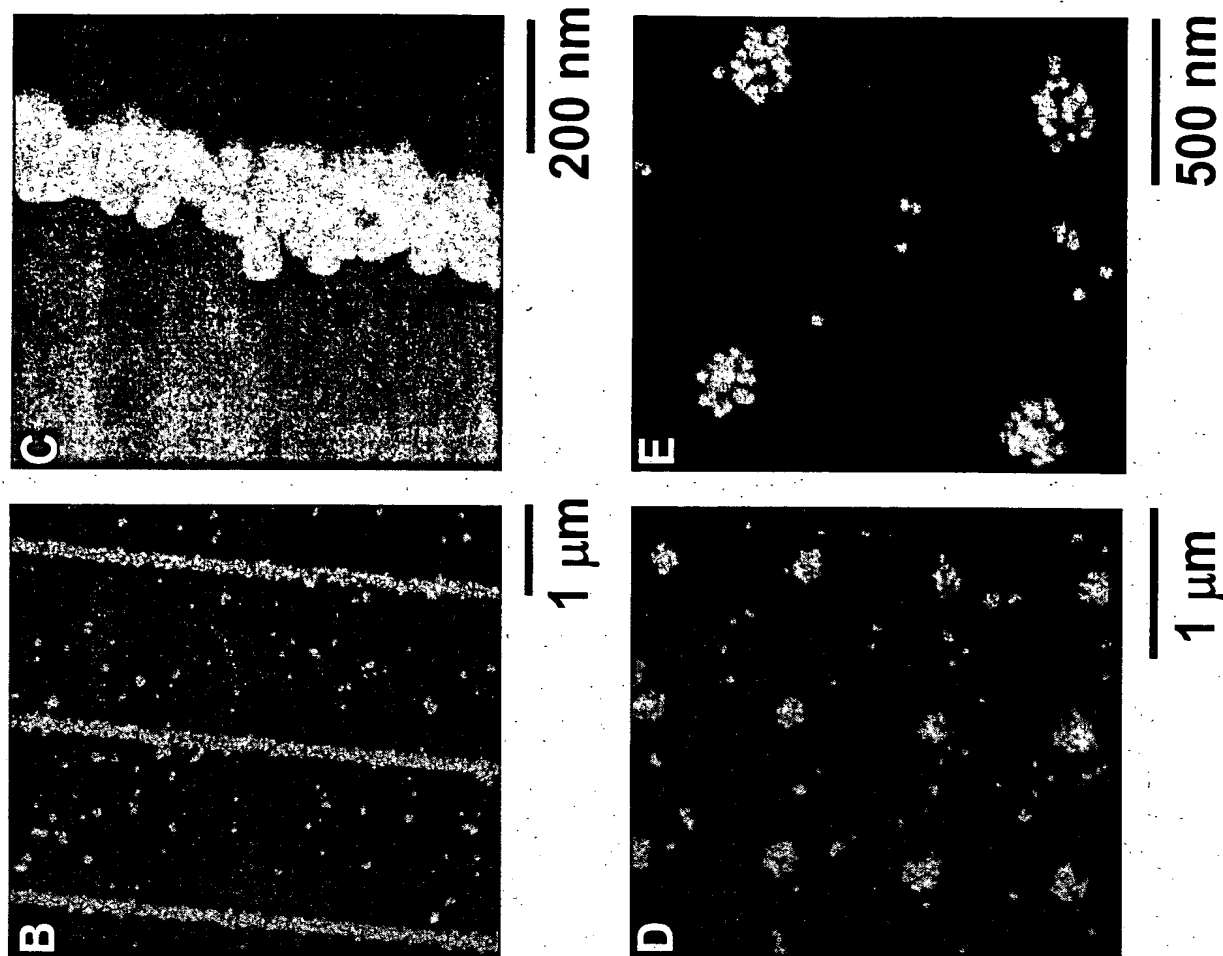
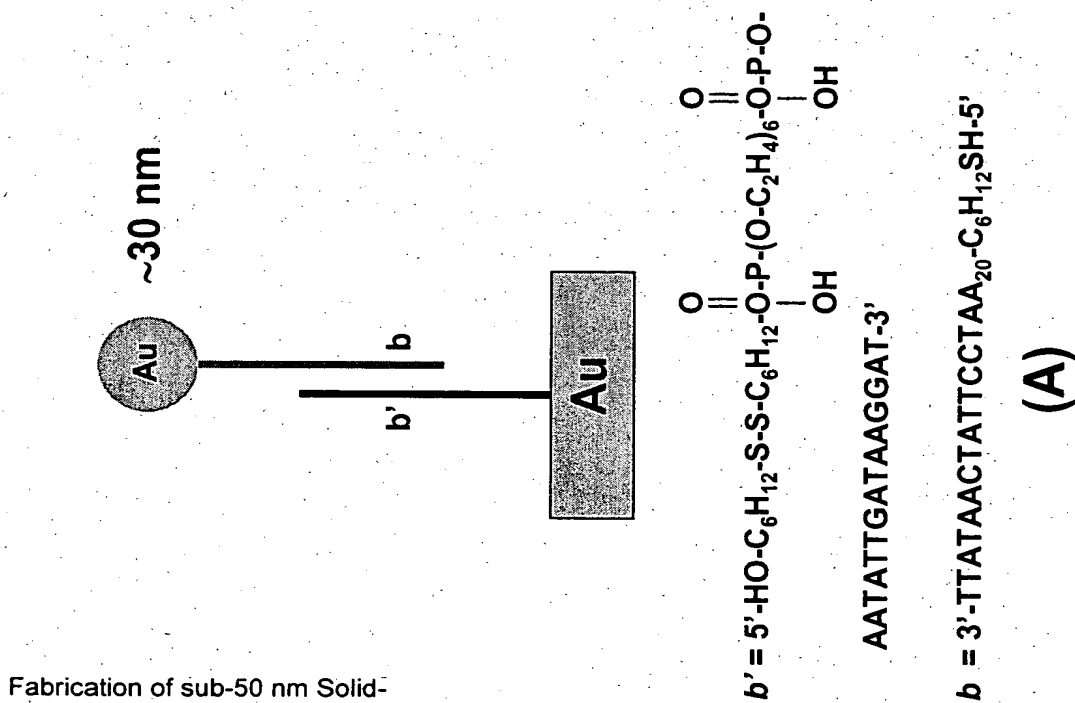


FIG. 25

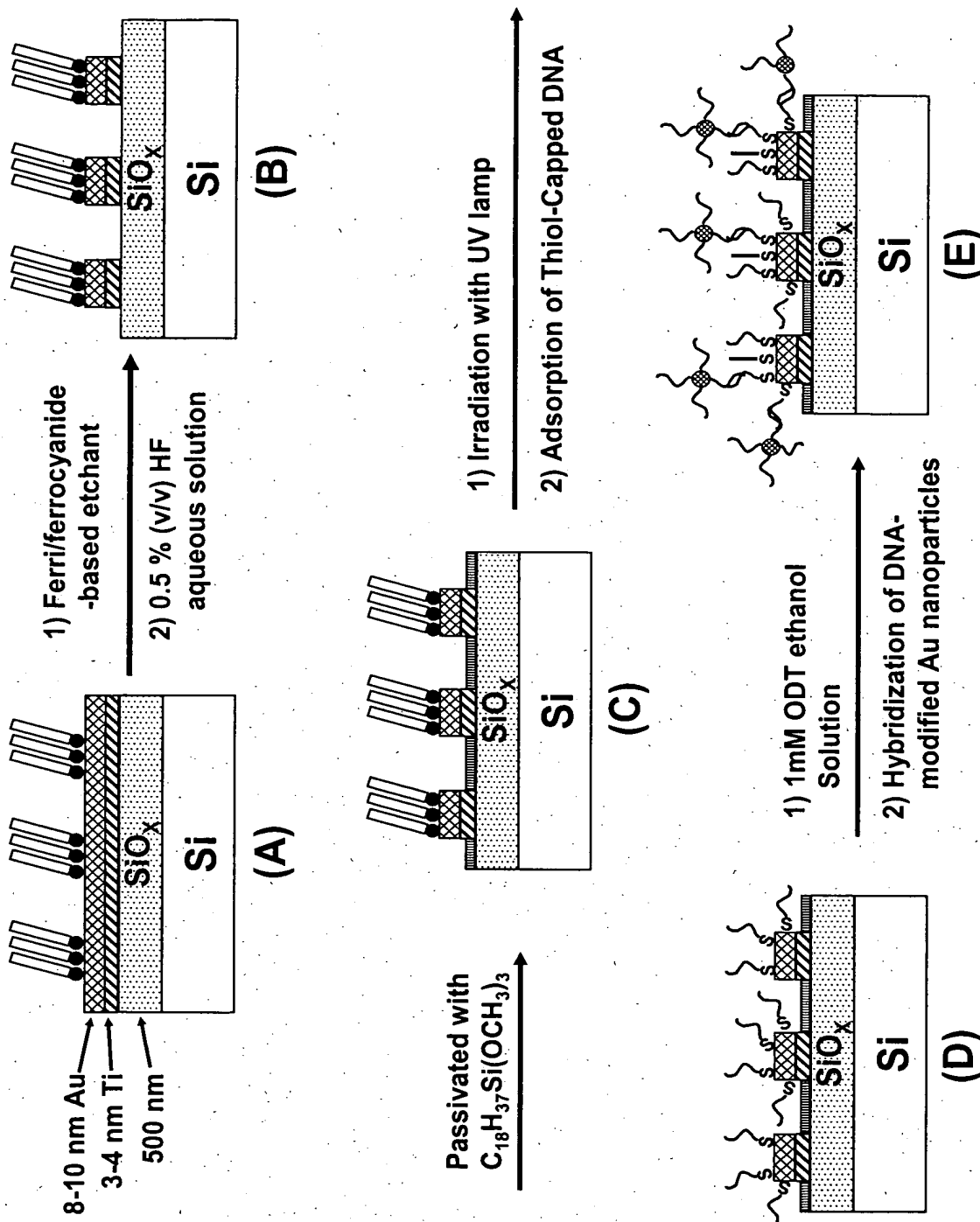


FIG. 26

Title: Fabrication of sub-50 nm Solid-State Nanostructures Based on Nanolithography
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 Appl. No.: Unassigned
 Atty. Dkt. No.: 083847-0231